

Dorothy Menasco

120000-07

**From:** Chin, John F. [John.Chin@lcec.net]  
**Sent:** Monday, March 19, 2012 2:01 PM  
**To:** Filings@psc.state.fl.us  
**Cc:** Cain, Frank  
**Subject:** LCEC Reports for Section 366.91 (6), F.S. and Sections 366.92 (5), F.S.  
**Attachments:** LCEC Reports for Section 366\_91\_(6) and Section 366\_92\_(5)\_F\_S.pdf

**Electronic Filing**

In accordance with the electronic filing procedures of the Florida Public Service Commission, the following filing is submitted:

- a. The person responsible for this filing is:

Frank R. Cain, Jr.  
 Director, Regulatory and Governmental Relations  
 Chief Risk/Compliance Officer  
 LCEC  
 4980 Bayline Drive  
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- b. The filing title is LCEC Reports for Section 366.91 (6), F.S. and Section 366.92 (5), F.S.
- c. The document is being filed on behalf of LCEC, Lee County Electric Cooperative, Incorporated
- d. The total number of pages in the document is 7 pages.
- e. The document attached for electronic filing is: LCEC, Lee County Electric Cooperative, Incorporated, submittal of reports to satisfy requirements for Section 366.91 (6), F.S. and Section 366.92 (5), F.S. due April 1, 2012.

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DOCUMENT NUMBER - DATE  
 01645 MAR 19 2012  
 FPSC-COMMISSION CLERK



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March 19, 2012

Ms. Ann Cole  
Commission Clerk  
Florida Public Service Commission  
2540 Shumard Oak Blvd.  
Tallahassee, FL 32399-0850

Re: Reports for Section 366.91 (6), F.S. and Section 366.92 (5), F.S.

Dear Ms. Cole:

Please find attached two documents for filing. The first is the Interconnection and Net Metering of Customer Owned Renewable Generation Report for the period ending December 31<sup>st</sup>, 2011. This report was prepared in accordance with Commission Rule 25-6.065 (10), F.A.C. and meets requirements for Section 366.91 (6), F.S.

The second is the Standards for Renewable Energy, Conservation and Energy Efficiency Report for April 1, 2012. This report meets the reporting requirements for Section 366.92 (5), F.S.

If you have questions regarding this filing, please contact me at (239) 656-2347.

Sincerely,

Frank R. Cain, Jr.  
Director, Regulatory and Governmental Relations  
Chief Risk/Compliance Officer  
LCEC

Attachments (2)

DOCUMENT NUMBER-DATE

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FPSC-COMMISSION CLERK

**Lee County Electric Cooperative, Incorporated**  
**Interconnection and Net Metering of Customer-Owned Renewable Generation Report**  
**(for Period Ending December 31, 2011)**

This report is being filed in accordance with Commission Rule 25-6.065, F.A.C.

**10(a)** Total number of customer-owned renewable generation interconnection as of the end of the 2011 calendar year: 116

**10(b)** Total kW capacity of customer-owned renewable generation interconnected as of the end of the 2011 calendar year: 561.28 kW

**10(c)** Total kWh received by interconnected customers from the electric utility:

Month	kWh Received by Interconnected Customers
January	130,422
February	98,372
March	85,789
April	86,458
May	105,294
June	126,412
July	133,375
August	151,583
September	150,729
October	136,906
November	116,298
December	111,535
Annual Total	1,433,173

**10(d)** Total kWh of customer -owned renewable generation delivered to the electric utility:

Month	kWh Delivered to Utility
January	18,559
February	18,929
March	26,497
April	28,776
May	27,280
June	25,407
July	16,847
August	17,173
September	15,651
October	18,520
November	21,668
December	23,005
Annual Total	258,312

**10(e)** Total energy payments made to interconnected customers for customer-owned renewable generation delivered to the electric utility:

Total Energy Payments in 2011	Total Energy Payments for All Years
\$ 966.53	\$ 1,901.90

**10(f)** Customer-Owned Renewable Generation Interconnection Information

Customer No.	Renewable Technology Utilized	Gross Power Rating (kW)	Location by County	Date Interconnected
1	PV	3.50	Lee	1-Jul-09
2	PV	2.10	Collier	14-Sep-09
3	PV	5.20	Lee	25-Aug-09
4	PV	5.07	Lee	17-Nov-09
5	PV	2.20	Lee	24-Nov-09
6	PV	4.80	Lee	28-Aug-09
7	PV	18.00	Lee	3-Aug-09
8	PV	2.50	Lee	3-Aug-09
9	PV	5.20	Lee	1-Jul-09
10	PV	2.00	Lee	1-Jul-09
11	PV	4.80	Lee	1-Jul-09
12	PV	4.59	Lee	30-Dec-09
13	PV	5.16	Lee	1-Dec-09
14	PV	5.32	Lee	24-Jul-09
15	PV	5.00	Lee	7-Jul-09
16	PV	3.00	Lee	4-Sep-09
17	PV	5.13	Lee	13-Jul-09
18	PV	5.30	Lee	25-Oct-09
19	PV	5.04	Lee	9-Nov-09
20	PV	5.00	Lee	1-Jul-09
21	PV	5.00	Lee	2-Oct-09
22	PV	2.50	Lee	31-Aug-09
23	PV	4.80	Collier	12-Nov-09
24	PV	4.38	Lee	12-Dec-09
25	PV	4.70	Lee	27-Aug-09
26	PV	3.80	Lee	21-Dec-09
27	PV	2.60	Lee	1-Jul-09
28	PV	2.00	Lee	1-Jul-09
29	PV	5.10	Lee	1-Aug-09
30	PV	5.20	Lee	1-Sep-09
31	PV	3.00	Lee	28-Sep-09
32	PV	5.00	Lee	20-Aug-09

33	PV	3.90	Lee	13-Jul-09
34	PV	5.20	Lee	1-Jul-09
35	PV	4.29	Lee	21-Sep-09
36	PV	5.00	Lee	1-Jul-09
37	PV	5.32	Lee	24-Jul-09
38	PV	5.98	Lee	25-Nov-09
39	PV	4.80	Lee	28-Sep-09
40	PV	3.00	Lee	14-Jul-09
41	PV	3.28	Lee	17-Aug-09
42	PV	4.80	Lee	13-Jul-09
43	PV	8.00	Collier	1-Jul-09
44	PV	3.50	Lee	27-Jul-09
45	PV	5.25	Lee	27-Jul-09
46	PV	5.70	Collier	30-Dec-09
47	PV	4.00	Lee	22-Sep-09
48	PV	4.00	Lee	22-Sep-09
49	PV	4.95	Lee	1-Jul-09
50	PV	3.10	Lee	2-Nov-09
51	PV	5.40	Lee	26-Feb-10
52	PV	5.00	Lee	1-Apr-10
53	PV	7.88	Lee	6-Jul-10
54	PV	5.30	Collier	2-Jun-10
55	PV	6.00	Lee	6-Jul-10
56	PV	4.00	Collier	26-Feb-10
57	PV	0.68	Lee	18-Oct-10
58	PV	8.40	Lee	1-Oct-10
59	PV	5.00	Lee	2-Jun-10
60	PV	4.50	Lee	4-May-10
61	PV	4.92	Lee	1-Apr-10
62	PV	5.00	Lee	18-Jun-10
63	PV	2.87	Lee	18-Jun-10
64	PV	5.20	Lee	26-Feb-10
65	PV	4.92	Lee	26-Feb-10
66	PV	5.30	Lee	1-Apr-10
67	PV	3.00	Lee	27-Sep-10
68	PV	5.06	Lee	4-May-10
69	PV	5.06	Lee	6-Jul-10
70	PV	2.20	Collier	2-Jun-10
71	PV	2.64	Lee	6-Jul-10
72	PV	2.10	Lee	6-Jul-10
73	PV	5.06	Lee	26-Feb-10
74	PV	2.40	Lee	1-Apr-10
75	PV	3.68	Lee	2-Jun-10
76	PV	4.83	Lee	11-Aug-10
77	PV	4.92	Lee	2-Jun-10
78	PV	5.04	Lee	3-Sep-10
79	PV	3.20	Lee	1-Apr-10

80	PV	10.00	Lee	22-Dec-10
81	PV	10.00	Lee	22-Dec-10
82	PV	3.04	Lee	11-Aug-10
83	PV	5.00	Lee	30-Aug-10
84	PV	4.92	Lee	1-Apr-10
85	PV	6.00	Lee	2-Jun-10
86	PV	5.30	Collier	4-May-10
87	PV	5.00	Lee	27-Sep-10
88	PV	6.30	Lee	14-Jul-10
89	PV	5.30	Lee	3-Nov-10
90	PV	4.14	Lee	26-Feb-10
91	PV	2.80	Lee	2-Jun-10
92	PV	3.80	Lee	18-Jun-10
93	PV	4.30	Lee	4-May-10
94	PV	2.76	Lee	2-Jun-10
95	PV	6.50	Lee	26-Feb-10
96	PV	5.88	Lee	6-Jul-10
97	PV	4.20	Lee	13-Jan-11
98	PV	4.88	Lee	10-Mar-11
99	PV	8.10	Lee	10-Mar-11
100	PV	5.04	Lee	23-Mar-11
101	PV	5.32	Lee	31-Mar-11
102	PV	7.20	Collier	22-Apr-11
103	PV	5.00	Lee	9-May-11
104	PV	5.46	Lee	9-Jun-11
105	PV	2.53	Lee	9-Jun-11
106	PV	1.30	Lee	14-Jun-11
107	PV	4.90	Lee	17-Jun-11
108	PV	0.69	Lee	7-Jul-11
109	PV	12.60	Collier	14-Jul-11
110	PV	6.00	Lee	25-Jul-11
111	PV	5.00	Lee	1-Aug-11
112	PV	8.60	Collier	22-Aug-11
113	PV	10.00	Lee	12-Oct-11
114	PV	4.80	Collier	17-Oct-11
115	PV	5.70	Lee	14-Dec-11
116	PV	2.30	Lee	21-Dec-11

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Total	561.28
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## **Standards for Renewable Energy, Conservation, and Energy Efficiency To Meet Reporting Requirements under Florida Statutes, Section 366.92, for April 1, 2012**

### **Renewable Energy Resources**

LCEC is a Distribution Cooperative serving approximately 198,000 customers in southwest Florida. LCEC's system is divided into two separate geographical areas, north and south, and purchases all of its power requirements under all-requirements, wholesale power contracts with two power suppliers. LCEC has limited ability to expand large scale renewable generation capacity. LCEC encourages the acquisition of renewable resources by its power suppliers through on-going interactions with large scale renewable opportunities within its service territory and referring them to its power suppliers. These power suppliers purchase and/or generate renewable capacity and energy from a variety of sources including landfill gas, wood biomass, municipal solid waste and central photovoltaic. For additional information on renewable generation capacities of LCEC wholesale power suppliers, please refer to the "Standards for Renewable Energy, Conservation and Energy Efficiency" filings for Seminole Electric Cooperative, Inc. and Florida Power and Light Company.

LCEC had implemented net metering services for member owned renewable generation. Also, LCEC had implemented the Net Metering Rider revision effective January 1<sup>st</sup>, 2011 to mitigate the adverse impact associated with the transition to the Net Metering Rate. The Rider entails an annual review which compares the prior year's monthly net metering customer bills to the bills generated with customer's rate in effect prior to the installation of the renewable generation system. Members were credited with the difference of the two monthly bills. At the end of 2011, there were 116 member owned renewable generation systems. The total capacities of these systems were 561 kilowatts and are comprised of small rooftop photovoltaic systems.

In continuing to promote the growth of member owned small scale renewable generation systems, LCEC has eliminated the manual disconnect switch requirement from its Tier 1 Standard Interconnection Agreement effective July 1, 2011. This change has reduced photovoltaic balance-of-system costs, installation times and inspections for members procuring these renewable generation systems.

LCEC will continue to evaluate, promote and interconnect to distributed small scale renewable generation. LCEC has and will consider changes to its net metering program that increases value to its members and expand small scale renewable generation applications.

### **Energy Conservation and Efficiency Measures**

LCEC actively promotes and encourages the expansion of cost effective conservation and energy efficiency directly to its members. LCEC added a new Virtual Energy Advisor program to its portfolio of customer oriented energy conservation and energy efficiency measures. The program provides callers direct access to an accredited energy advisor to respond to callers' seeking energy conservation and energy efficiency advice and or to help callers conduct home energy audits.

During the year, LCEC discontinued the “Good Cents Home” certification program. The program was no longer needed. Florida’s new energy efficient building codes were on par with many of the energy efficiency performance standards promoted by the “Good Cents Home” program.

LCEC’s portfolio of customer oriented energy conservation and efficiency measures include:

- Virtual energy advisor program;
- “KiloWATCH” the on-line customer usage information and notification program;
- On-line residential and commercial energy surveys;
- On-site residential and commercial energy audits;
- Customer education on energy efficiency on website, newsletters and outreach opportunities;
- Residential load management;
- Interruptible rate load management; and
- Back-up generation for critical peak reduction.

LCEC “KiloWATCH” program helps customers manage their daily energy consumption in near real time. It provides online daily energy use information to single meter account customers and allows these customers to receive email notifications and or phone alerts when daily energy usage is above a customer selected threshold level. In 2011, the “KiloWATCH” program had 247,239 webpage views and 1,920 customers had opted for energy use threshold notifications.

LCEC’s on-line and on-site residential and commercial energy audits provide its members free screenings to identify their energy consumption patterns and make recommendations to reduce energy use and to improve the energy efficiency of their end-use equipment. In 2011, 1,080 on-line energy audits were completed by LCEC members. Additionally, LCEC staff energy advisors completed 1,118 residential and 54 commercial on-site energy audits. These energy audits serve to help its members better understand what causes high energy consumption and provide them practical solutions for corrective action.

LCEC’s marketing plan includes customer education efforts promoting energy conservation and energy efficiency. Energy efficiency information is provided to customers through LCEC’s website, monthly newsletters and community outreach programs. Presentations on energy efficiency were given at civic events, home-owners associations meetings, community festivals and at public schools and colleges. Through numerous promotions, customers were directed to LCEC’s web based energy analysis tools that provide answers to customers’ what-if questions on uses of energy efficient appliances in place of standard appliances. They effectively evaluate energy efficiency alternatives.

LCEC has three load management programs consisting of Residential Direct Load Control, Interruptible Service and Back-up Generation. All three programs combined to provide for peak load management and significant system energy reductions in 2011.

LCEC will evaluate cost effective conservation and energy efficiency measures through in-house research and seeks to implement those measures that offer value to its members. In addition LCEC participates with other Cooperative members in workshops offered by one of its power suppliers for developing and implementing energy conservation and efficiency measures.